

Table S2 ChIP_Seq Gene list

The nearest genes to the SREBP-1 binding peaks are listed.

Gene Ontology (GO) analysis was performed using DAVID (<http://david.abcc.ncifcrf.gov>) (5) by examining the biological processes in which nearest genes are involved, using RefSeq mRNA IDs and the entire mouse genome as a background model. *P*-values were calculated using Fisher Exact statistics.

Gene Symbol	Description	Accession
	7-Sep SEPTIN 7	NM_009859
0610012D14RIK	RIKEN CDNA 0610012D14 GENE	NM_026690
0610037D15RIK	RIKEN CDNA 0610037D15 GENE	NM_026714
1110007A13RIK	RIKEN CDNA 1110007A13 GENE	NM_145955
1110067I12RIK	RIKEN CDNA 1110067I12 GENE	NM_001013019
1200004M23RIK	RIKEN CDNA 1200004M23 GENE	NM_026169
1300014I06RIK	RIKEN CDNA 1300014I06 GENE	NM_025831
1500032L24RIK	RIKEN CDNA 1500032L24 GENE	NM_026914
1600012H06RIK	RIKEN CDNA 1600012H06 GENE	NM_026451
1700018L24RIK	RIKEN CDNA 1700018L24 GENE	NM_029326
1700034H14RIK	RIKEN CDNA 1700034H14 GENE	NM_025969
1700052N19RIK	RIKEN CDNA 1700052N19 GENE	NM_024261
1700067C01RIK	RIKEN CDNA 1700067C01 GENE	NM_029714
1810007P19RIK	RIKEN CDNA 1810007P19 GENE	NM_172701
1810063B05RIK	RIKEN CDNA 1810063B05 GENE	NM_174987
2010012O05RIK	RIKEN CDNA 2010012O05 GENE	NM_025563
2010106G01RIK	RIKEN CDNA 2010106G01 GENE	NM_023220
2010200O16RIK	RIKEN CDNA 2010200O16 GENE	NM_026198
2210417D09RIK	RIKEN CDNA 2210417D09 GENE	NM_025620
2700060E02RIK	RIKEN CDNA 2700060E02 GENE	NM_026528
2810432L12RIK	RIKEN CDNA 2810432L12 GENE	NM_025944
4632417N05RIK	RIKEN CDNA 4632417N05 GENE	NM_028725
4833401D15RIK	RIKEN CDNA 4833401D15 GENE	NM_175030
4833426J09RIK	RIKEN CDNA 4833426J09 GENE	NM_001024606
4930425N13RIK	RIKEN CDNA 4930425N13 GENE	NM_178388
4931428L18RIK	RIKEN CDNA 4931428L18 GENE	NM_027637
4933426M11RIK	RIKEN CDNA 4933426M11 GENE	NM_178682
4933429F08RIK	RIKEN CDNA 4933429F08 GENE	NM_177828
4933430I17RIK	RIKEN CDNA 4933430I17 GENE	NM_177607
4933440H19RIK	RIKEN CDNA 4933440H19 GENE	NM_194335
5730409E04RIK	RIKEN CDNA 5730409E04RIK GENE	NM_001013755
5730536A07RIK	RIKEN CDNA 5730536A07 GENE	NM_026635
5730559C18RIK	RIKEN CDNA 5730559C18 GENE	NM_028872
5830427D03RIK	RIKEN CDNA 5830427D03 GENE	NM_175232
6330439K17RIK	RIKEN CDNA 2810039F03 GENE	NM_172859
6430527G18RIK	RIKEN CDNA 6430527G18 GENE	NM_145836
6530401N04RIK	RIKEN CDNA 4930578F06 GENE	NM_029545
6530418L21RIK	RIKEN CDNA 6530418L21 GENE	NM_175398
9130404D08RIK	RIKEN CDNA 9130404D08 GENE	NM_028993
9430015G10RIK	RIKEN CDNA 9430015G10 GENE	NM_145557
9930021D14RIK	RIKEN CDNA 9930021D14 GENE	NM_175682
A330021E22RIK	RIKEN CDNA A330021E22 GENE	NM_172447
A530054K11RIK	RIKEN CDNA A530054K11 GENE	NM_183146
A830018L16RIK	RIKEN CDNA A830018L16 GENE	NM_177173
AA407270	EXPRESSED SEQUENCE AA407270	NM_001033208

AACS	ACETOACETYL-COA SYNTHETASE	NM_030210
ABCC2	ATP-BINDING CASSETTE, SUB-FAMILY C (CFTR/MRP), MEMBER 2	NM_013806
ABCC6	ATP-BINDING CASSETTE, SUB-FAMILY C (CFTR/MRP), MEMBER 6	NM_018795
ABHD11	ABHYDROLASE DOMAIN CONTAINING 11	NM_145215
ACACB	ACETYL-COENZYME A CARBOXYLASE BETA	NM_133904
ACLY	ATP CITRATE LYASE	NM_134037
ACSS2	ACETYL-COA SYNTHETASE	NM_019811
ADAM23	A DISINTEGRIN AND METALLOPEPTIDASE DOMAIN 23	NM_011780
ADAM30	A DISINTEGRIN AND METALLOPEPTIDASE DOMAIN 30	NM_027665
ADCK2	AARF DOMAIN CONTAINING KINASE 2	NM_178873
ADCY1	ADENYLATE CYCLASE 1	NM_009622
ADFP	ADIPOSE DIFFERENTIATION RELATED PROTEIN	NM_007408
AGTPBP1	ATP/GTP BINDING PROTEIN 1	NM_023328
AI662250	EXPRESSED SEQUENCE AI662250	NM_178926
AI837181	EXPRESSED SEQUENCE AI837181	NM_134149
AIP	ARYL-HYDROCARBON RECEPTOR-INTERACTING PROTEIN	NM_016666
AKAP10	A KINASE (PKA) ANCHOR PROTEIN 10	NM_019921
AKR1B3	ALDO-KETO REDUCTASE FAMILY 1, MEMBER B3 (ALDOSE REDUCTASE)	NM_009658
ALDH18A1	ALDEHYDE DEHYDROGENASE 18 FAMILY, MEMBER A1	NM_011200
ALDH2	ALDEHYDE DEHYDROGENASE 2, MITOCHONDRIAL	NM_009656
ALDOB	ALDOLASE 2, B ISOFORM	NM_144903
ALKBH8	ALKB, ALKYLATION REPAIR HOMOLOG 8 (E. COLI)	NM_026303
ALS2CR2	AMYOTROPHIC LATERAL SCLEROSIS 2 (JUVENILE) CHROMOSOME REGION, CANDIDATE 2 (HUMAN)	NM_172656
ANAPC1	ANAPHASE PROMOTING COMPLEX SUBUNIT 1	NM_008569
ANGEL1	ANGEL HOMOLOG 1 (DROSOPHILA)	NM_144524
ANKRD17	ANKYRIN REPEAT DOMAIN 17	NM_198010
ANKRD24	ANKYRIN REPEAT DOMAIN 24	NM_027480
ANKRD28	ANKYRIN REPEAT DOMAIN 28	NM_001024604
AOX3L1	ALDEHYDE OXIDASE 3-LIKE 1	NM_001008419
AP2M1	ADAPTOR PROTEIN COMPLEX AP-2, MU1	NM_009679
APBB1IP	AMYLOID BETA (A4) PRECURSOR PROTEIN-BINDING, FAMILY B, MEMBER 1 INTERACTING PROTEIN	NM_019456
APH1A	ANTERIOR PHARYNX DEFECTIVE 1A HOMOLOG (C. ELEGANS)	NM_146104
APOE	APOLIPOPROTEIN E	NM_009696
ARHGEF12	RHO GUANINE NUCLEOTIDE EXCHANGE FACTOR (GEF) 12	NM_027144
ARHGEF7	RHO GUANINE NUCLEOTIDE EXCHANGE FACTOR (GEF7)	NM_017402
ARID3A	AT RICH INTERACTIVE DOMAIN 3A (BRIGHT LIKE)	NM_007880
ARIH1	ARIADNE UBIQUITIN-CONJUGATING ENZYME E2 BINDING PROTEIN HOMOLOG 1 (DROSOPHILA)	NM_019927
ARMC1	ARMADILLO REPEAT CONTAINING 1	NM_028840
AS3MT	ARSENIC (+3 OXIDATION STATE) METHYLTRANSFERASE	NM_020577
ASB15	ANKYRIN REPEAT AND SOCS BOX-CONTAINING	NM_080847

ASPSCR1	PROTEIN 15 ALVEOLAR SOFT PART SARCOMA CHROMOSOME REGION, CANDIDATE 1 (HUMAN)	NM_026877
ATF3	ACTIVATING TRANSCRIPTION FACTOR 3	NM_007498
ATG2A	CDNA SEQUENCE BC023754	NM_194348
ATP5G3	ATP SYNTHASE, H+ TRANSPORTING, MITOCHONDRIAL F0 COMPLEX, SUBUNIT C (SUBUNIT 9), ISOFORM 3	NM_175015
ATP6V1D	ATPASE, H+ TRANSPORTING, LYSOSOMAL V1 SUBUNIT D	NM_023721
ATP6V1E2	ATPASE, H+ TRANSPORTING, LYSOSOMAL V1 SUBUNIT E2	NM_029121
AV249152	EXPRESSED SEQUENCE AV249152	NM_145425
AZI2	5-AZACYTIDINE INDUCED GENE 2	NM_013727
B3GALNT2	UDP-GALNAC:BETAGLCNAC BETA 1,3- GALACTOSAMINYLTRANSFERASE, POLYPEPTIDE 2	NM_178640
B4GALT1	UDP-GAL:BETAGLCNAC BETA 1,4- GALACTOSYLTRANSFERASE, POLYPEPTIDE 1	NM_022305
B930006L02RIK	RIKEN CDNA B930006L02 GENE	NM_178764
BANP	BTG3 ASSOCIATED NUCLEAR PROTEIN	NM_016812
BC003993	CDNA SEQUENCE BC003993	NM_030560
BC028528	CDNA SEQUENCE BC028528	NM_153513
BC030307	GRP94 NEIGHBORING NUCLEOTIDASE VARIANT 4	NM_153595
BC031853	CDNA SEQUENCE BC031853	NM_172758
BC037112	CDNA SEQUENCE BC037112	NM_001030306
BC067068	CDNA SEQUENCE BC067068	NM_207522
BCL10	B-CELL LEUKEMIA/LYMPHOMA 10	NM_009740
BCL2	B-CELL LEUKEMIA/LYMPHOMA 2	NM_009741
BCL2L11	BCL2-LIKE 11 (APOPTOSIS FACILITATOR)	NM_009754
BCL6	B-CELL LEUKEMIA/LYMPHOMA 6	NM_009744
BHLHB2	BASIC HELIX-LOOP-HELIX DOMAIN CONTAINING, CLASS B2	NM_011498
BMF	EXPRESSED SEQUENCE AW260063	NM_138313
BOK	BCL-2-RELATED OVARIAN KILLER PROTEIN	NM_016778
BPNT1	BISPHOSPHATE 3'-NUCLEOTIDASE 1	NM_011794
BRI3BP	BRI3 BINDING PROTEIN	NM_029752
BTF3L4	RIKEN CDNA 4632412E09 GENE	NM_027453
BTRC	BETA-TRANSDUCIN REPEAT CONTAINING PROTEIN	NM_009771
BUB1B	BUDDING UNINHIBITED BY BENZIMIDAZOLES 1 HOMOLOG, BETA (S. CEREVISIAE)	NM_009773
BUB3	BUDDING UNINHIBITED BY BENZIMIDAZOLES 3 HOMOLOG (S. CEREVISIAE)	NM_009774
BUD13	RIKEN CDNA D030060M11 GENE	NM_146000
BYSL	BYSTIN-LIKE	NM_016859
BZW1	BASIC LEUCINE ZIPPER AND W2 DOMAINS 1	NM_025824
C230093N12RIK	RIKEN CDNA C230093N12 GENE	NM_153560
C530043G21RIK	RIKEN CDNA C530043G21 GENE	NM_145413
C920005C14RIK	RIKEN CDNA C920005C14 GENE	NM_177391
CACNA2D2	CALCIUM CHANNEL, VOLTAGE-DEPENDENT, ALPHA 2/DELTA SUBUNIT 2	NM_020263
CADM1	IMMUNOGLOBULIN SUPERFAMILY, MEMBER 4A	NM_207676
CALCOCO1	CALCIUM BINDING AND COILED COIL DOMAIN 1	NM_026192
CALR4	CALRETICULIN 4	NM_001033226
CAPG	CAPPING PROTEIN (ACTIN FILAMENT), GELSOLIN-LIKE	NM_007599

CAR5A	CARBONIC ANHYDRASE 5A, MITOCHONDRIAL	NM_007608
CASKIN1	RIKEN CDNA 3300002N10 GENE	NM_027937
CASP3	CASPASE 3	NM_009810
CASP7	CASPASE 7	NM_007611
CCBP2	CHEMOKINE BINDING PROTEIN 2	NM_021609
CCDC114	CDNA SEQUENCE BC013491	NM_001033243
CCDC139	RIKEN CDNA 2810013G11 GENE	NM_001033654
CCDC139	RIKEN CDNA 2810013G11 GENE	NM_028304
CCDC57	COILED-COIL DOMAIN CONTAINING 57	NM_027745
CCDC59	COILED-COIL DOMAIN CONTAINING 59	NM_025602
CCDC90B	RIKEN CDNA 2310015N07 GENE	NM_025515
CCDC99	RIKEN CDNA 2600001J17 GENE	NM_027411
CCT8	CHAPERONIN SUBUNIT 8 (THETA)	NM_009840
CD3EAP	CD3E ANTIGEN, EPSILON POLYPEPTIDE ASSOCIATED PROTEIN	NM_145822
CDCA3	CELL DIVISION CYCLE ASSOCIATED 3	NM_013538
CDH16	CADHERIN 16	NM_007663
CDH20	CADHERIN 20	NM_011800
CDIPT	CDP-DIACYLGLYCEROL--INOSITOL 3-PHOSPHATIDYLTRANSFERASE (PHOSPHATIDYLINOSITOL SYNTHASE)	NM_026638
CDK5	CYCLIN-DEPENDENT KINASE 5	NM_007668
CDK5	CYCLIN-DEPENDENT KINASE 5	NM_007668
CEBPA	CCAAT/ENHANCER BINDING PROTEIN (C/EBP), ALPHA	NM_007678
CEBPG	CCAAT/ENHANCER BINDING PROTEIN (C/EBP), GAMMA	NM_009884
CENPO	RIKEN CDNA 2810429O05 GENE	NM_134046
CENPT	RIKEN CDNA G630055P03 GENE	NM_177150
CENTG2	EXPRESSED SEQUENCE R75364	NM_178119
CHD9	CHROMODOMAIN HELICASE DNA BINDING PROTEIN 9	NM_177224
CHMP4B	CHROMATIN MODIFYING PROTEIN 4B	NM_029362
CILP	CARTILAGE INTERMEDIATE LAYER PROTEIN, NUCLEOTIDE PYROPHOSPHOHYDROLASE	NM_173385
CLCN3	CHLORIDE CHANNEL 3	NM_173876
CLDN12	CLAUDIN 12	NM_022890
CLDN3	CLAUDIN 3	NM_009902
CLEC11A	C-TYPE LECTIN DOMAIN FAMILY 11, MEMBER A	NM_009131
CLP1	EXPRESSED SEQUENCE AI462438	NM_133840
CLPX	CASEINOLYTIC PROTEASE X (E.COLI)	NM_011802
CML2	CAMELLO-LIKE 2	NM_053096
CML4	CAMELLO-LIKE 4	NM_023455
CNGA3	CYCLIC NUCLEOTIDE GATED CHANNEL ALPHA 3	NM_009918
CNIH4	RIKEN CDNA D530030D03 GENE	NM_030131
CNO	RIKEN CDNA 2610101N07 GENE	NM_133724
COIL	COILIN	NM_016706
COMMD9	COMM DOMAIN CONTAINING 9	NM_029635
COPE	COATOMER PROTEIN COMPLEX, SUBUNIT EPSILON	NM_021538
COQ2	COENZYME Q2 HOMOLOG, PRENYLTRANSFERASE (YEAST)	NM_027978
COX18	CDNA SEQUENCE BC038311	NM_001033310
CRTAC1	CARTILAGE ACIDIC PROTEIN 1	NM_145123
CSNK1A1	CASEIN KINASE I-ALPHA	NM_146087
CSNK2A1	CASEIN KINASE II, ALPHA 1 POLYPEPTIDE	NM_007788
CSNK2B	CASEIN KINASE II, BETA SUBUNIT	NM_009975
CSRP2BP	CYSTEINE AND GLYCINE-RICH PROTEIN 2	NM_181417

	BINDING PROTEIN	
CSTB	CYSTATIN B	NM_007793
CTDP1	CTD (CARBOXY-TERMINAL DOMAIN, RNA POLYMERASE II, POLYPEPTIDE A) PHOSPHATASE, SUBUNIT 1	NM_026295
CTF2	CARDIOTROPHIN 2	NM_198858
CTNNBIP1	CATENIN BETA INTERACTING PROTEIN 1	NM_023465
CUL4A	RIKEN CDNA 2810470J21 GENE	NM_146207
CUTC	CUTC COPPER TRANSPORTER HOMOLOG (E.COLI)	NM_025530
CYP4F39	RIKEN CDNA 4732474A20 GENE	NM_177307
CYP51	CYTOCHROME P450, FAMILY 51	NM_020010
D030051N19RIK	RIKEN CDNA D030051N19 GENE	NM_172669
D10BWG1364E	DNA SEGMENT, CHR 10, BRIGHAM & WOMEN'S GENETICS 1364 EXPRESSED	NM_145421
D12ERTD551E	DNA SEGMENT, CHR 12, ERATO DOI 551, EXPRESSED	NM_028731
D19ERTD386E	DNA SEGMENT, CHR 19, ERATO DOI 386, EXPRESSED	NM_177464
D19ERTD721E	DNA SEGMENT, CHR 19, ERATO DOI 721, EXPRESSED	NM_146093
D230010M03RIK	RIKEN CDNA D230010M03 GENE	NM_178724
D6WSU116E	DNA SEGMENT, CHR 6, WAYNE STATE UNIVERSITY 116, EXPRESSED	NM_026585
D930020E02RIK	RIKEN CDNA D930020E02 GENE	NM_173420
DAPK2	DEATH-ASSOCIATED KINASE 2	NM_010019
DAZAP2	DAZ ASSOCIATED PROTEIN 2	NM_011873
DDAH1	DIMETHYLARGININE DIMETHYLAMINOHYDROLASE 1	NM_026993
DDOST	DOLICHYL-DI-PHOSPHOOLIGOSACCHARIDE-PROTEIN GLYCOTRANSFERASE	NM_007838
DDX20	DEAD (ASP-GLU-ALA-ASP) BOX POLYPEPTIDE 20	NM_017397
DDX27	DEAD (ASP-GLU-ALA-ASP) BOX POLYPEPTIDE 27	NM_153065
DDX49	DEAD (ASP-GLU-ALA-ASP) BOX POLYPEPTIDE 49	NM_001024922
DECR2	2-4-DIENOYL-COENZYME A REDUCTASE 2, PEROXISOMAL	NM_011933
DFFA	DNA FRAGMENTATION FACTOR, ALPHA SUBUNIT	NM_001025296
DHX37	DEAH (ASP-GLU-ALA-HIS) BOX POLYPEPTIDE 37	NM_203319
DLG2	DISCS, LARGE HOMOLOG 2 (DROSOPHILA)	NM_011807
DMRTC2	DOUBLESEX AND MAB-3 RELATED TRANSCRIPTION FACTOR LIKE FAMILY C2	NM_027732
DNAJC9	DNAJ (HSP40) HOMOLOG, SUBFAMILY C, MEMBER 9	NM_134081
DNM1L	DYNAMIN 1-LIKE	NM_152816
DRAP1	DR1 ASSOCIATED PROTEIN 1 (NEGATIVE COFACTOR 2 ALPHA)	NM_024176
DSE	SQUAMOUS CELL CARCINOMA ANTIGEN RECOGNIZED BY T CELLS 2	NM_172508
DVL3	DISHEVELLED 3, DSH HOMOLOG (DROSOPHILA)	NM_007889
DYNC1H1	DYNEIN CYTOPLASMIC 1 HEAVY CHAIN 1	NM_030238
DYNC1I2	DYNEIN CYTOPLASMIC 1 INTERMEDIATE CHAIN 2	NM_010064
EDEM1	ER DEGRADATION ENHANCER, MANNOSIDASE ALPHA-LIKE 1	NM_138677

EDG6	ENDOTHELIAL DIFFERENTIATION, G-PROTEIN- COUPLED RECEPTOR 6	NM_010102
EFNA1	EPHRIN A1	NM_010107
EG432743	HYPOTHETICAL GENE SUPPORTED BY AK077314	NM_001013788
EG628412	CDNA SEQUENCE BC034507	NM_153116
EHBP1	EH DOMAIN BINDING PROTEIN 1	NM_153078
EIF2B4	EUKARYOTIC TRANSLATION INITIATION FACTOR 2B, SUBUNIT 4 DELTA	NM_010122
EIF2S1	EUKARYOTIC TRANSLATION INITIATION FACTOR 2, SUBUNIT 1 ALPHA	NM_026114
EIF3E	EUKARYOTIC TRANSLATION INITIATION FACTOR 3, SUBUNIT 6	NM_008388
EIF3E	EUKARYOTIC TRANSLATION INITIATION FACTOR 3, SUBUNIT 6	NM_008388
ENY2	ENHANCER OF YELLOW 2 HOMOLOG (DROSOPHILA)	NM_175009
EPAS1	ENDOTHELIAL PAS DOMAIN PROTEIN 1	NM_010137
EPRS	GLUTAMYL-PROLYL-TRNA SYNTHETASE	NM_029735
EPS15	EPIDERMAL GROWTH FACTOR RECEPTOR PATHWAY SUBSTRATE 15	NM_007943
ERCC2	EXCISION REPAIR CROSS-COMPLEMENTING RODENT REPAIR DEFICIENCY, COMPLEMENTATION GROUP 2	NM_007949
ERF	ETS2 REPRESSOR FACTOR	NM_010155
ERH	ENHANCER OF RUDIMENTARY HOMOLOG (DROSOPHILA)	NM_007951
ERN1	ENDOPLASMIC RETICULUM (ER) TO NUCLEUS SIGNALLING 1	NM_023913
ERRF1	ERBB RECEPTOR FEEDBACK INHIBITOR 1	NM_133753
ESR1	ESTROGEN RECEPTOR 1 (ALPHA)	NM_007956
EXTL1	EXOSTOSES (MULTIPLE)-LIKE 1	NM_019578
FASN	FATTY ACID SYNTHASE	NM_007988
FAU	FINKEL-BISKIS-REILLY MURINE SARCOMA VIRUS (FBR-MUSV) UBIQUITOUSLY EXPRESSED (FOX DERIVED)	NM_007990
FBXL19	F-BOX AND LEUCINE-RICH REPEAT PROTEIN 19	NM_172748
FBXL22	F-BOX AND LEUCINE-RICH REPEAT PROTEIN 22	NM_175206
FBXO4	F-BOX ONLY PROTEIN 4	NM_134099
FGD2	FYVE, RHOGEF AND PH DOMAIN CONTAINING 2	NM_013710
FGD4	FYVE, RHOGEF AND PH DOMAIN CONTAINING 4	NM_139232
FGF22	FIBROBLAST GROWTH FACTOR 22	NM_023304
FGFR3	FIBROBLAST GROWTH FACTOR RECEPTOR 3	NM_008010
FGFR3	FIBROBLAST GROWTH FACTOR RECEPTOR 3	NM_008010
FHIT	FRAGILE HISTIDINE TRIAD GENE	NM_010210
FLAD1	LENS EPITHELIAL PROTEIN	NM_020517
FLRT2	MITOGEN-ACTIVATED PROTEIN KINASE KINASE KINASE KINASE 5	NM_201518
FMN2	FORMIN 2	NM_019445
FMO5	FLAVIN CONTAINING MONOOXYGENASE 5	NM_010232
FN1	FIBRONECTIN 1	NM_010233
FN1	FIBRONECTIN 1	NM_010233
FNTB	EXPRESSED SEQUENCE AA409500	NM_145927
FOXA3	FORKHEAD BOX A3	NM_008260
FOXN4	FORKHEAD BOX N4	NM_148935
FOXO3A	FORKHEAD BOX O3A	NM_019740
FRAP1	FK506 BINDING PROTEIN 12-RAPAMYCIN ASSOCIATED PROTEIN 1	NM_001039554
FRAP1	FK506 BINDING PROTEIN 12-RAPAMYCIN	NM_020009

	ASSOCIATED PROTEIN 1	
FTSJ2	FTSJ HOMOLOG 2 (E. COLI)	NM_026510
FUT8	FUCOSYLTRANSFERASE 8	NM_016893
FXVD4	RIKEN CDNA 0610008102 GENE	NM_033648
GABARAP	GAMMA-AMINOBUTYRIC ACID RECEPTOR ASSOCIATED PROTEIN	NM_019749
GABRD	GAMMA-AMINOBUTYRIC ACID (GABA-A) RECEPTOR, SUBUNIT DELTA	NM_008072
GAD2	GLUTAMIC ACID DECARBOXYLASE 2	NM_008078
GADD45A	GROWTH ARREST AND DNA-DAMAGE-INDUCIBLE 45 ALPHA	NM_007836
GAL3ST3	SIMILAR TO GALACTOSE-3-O-SULFOTRANSFERASE 3 (GALBETA1-3GALNAC 3-SULFOTRANSFERASE) (BETA-GALACTOSE-3-O-SULFOTRANSFERASE 3)	NM_001024717
GALNACT2	CHONDROITIN SULFATE GALNACT-2	NM_030165
GALNTL2	UDP-N-ACETYL-ALPHA-D-GALACTOSAMINE:POLYPEPTIDE N-ACETYL GALACTOSAMINYLTRANSFERASE-LIKE 2	NM_030166
GAPDHS	GLYCERALDEHYDE-3-PHOSPHATE DEHYDROGENASE, SPERMATOGENIC	NM_008085
GENE_SYMBOL	Gene Name	InputID
GFOD1	GLUCOSE-FRUCTOSE OXIDOREDUCTASE DOMAIN CONTAINING 1	NM_001033399
GGTL3	GAMMA-GLUTAMYLTRANSFERASE-LIKE 3	NM_144786
GJA10	GAP JUNCTION MEMBRANE CHANNEL PROTEIN ALPHA 10	NM_010289
GM1568	GENE MODEL 1568, (NCBI)	NM_001008423
GM672	GENE MODEL 672, (NCBI)	NM_201354
GNE	GLUCOSAMINE	NM_015828
GNG12	GUANINE NUCLEOTIDE BINDING PROTEIN (G PROTEIN), GAMMA 12	NM_025278
GNG2	GUANINE NUCLEOTIDE BINDING PROTEIN (G PROTEIN), GAMMA 2 SUBUNIT	NM_001038637
GNG4	GUANINE NUCLEOTIDE BINDING PROTEIN (G PROTEIN), GAMMA 4 SUBUNIT	NM_010317
GNPNAT1	GLUCOSAMINE-PHOSPHATE N-ACETYLTRANSFERASE 1	NM_019425
GPAM	GLYCEROL-3-PHOSPHATE ACYLTRANSFERASE, MITOCHONDRIAL	NM_008149
GPER	G PROTEIN-COUPLED RECEPTOR 30	NM_029771
GPHN	GEPHYRIN	NM_172952
GPR85	G PROTEIN-COUPLED RECEPTOR 85	NM_145066
GREM2	GREMLIN 2 HOMOLOG, CYSTEINE KNOT SUPERFAMILY (XENOPUS LAEVIS)	NM_011825
GRIK4	GLUTAMATE RECEPTOR, IONOTROPIC, KAINATE 4	NM_175481
GRIN1	GLUTAMATE RECEPTOR, IONOTROPIC, NMDA1 (ZETA 1)	NM_008169
GRINA	GLUTAMATE RECEPTOR, IONOTROPIC, N-METHYL D-ASPARATE-ASSOCIATED PROTEIN 1 (GLUTAMATE BINDING)	NM_023168
GRINL1A	GLUTAMATE RECEPTOR, IONOTROPIC, N-METHYL D-ASPARTATE-LIKE 1A	NM_178602
GRK4	G PROTEIN-COUPLED RECEPTOR KINASE 2, GROUCHO GENE RELATED (DROSOPHILA)	NM_019497
GRM4	GLUTAMATE RECEPTOR, METABOTROPIC 4	NM_001013385
GRM7	GLUTAMATE RECEPTOR, METABOTROPIC 7	NM_177328
GSDMA1	GASDERMIN 1	NM_021347

GSK3A	GLYCOGEN SYNTHASE KINASE 3 ALPHA	NM_001031667
GSS	GLUTATHIONE SYNTHETASE	NM_008180
GTPBP2	GTP BINDING PROTEIN 2	NM_019581
GUCY1A3	GUANYLATE CYCLASE 1, SOLUBLE, ALPHA 3	NM_021896
H3F3B	H3 HISTONE, FAMILY 3A	NM_008211
HCFC1R1	HOST CELL FACTOR C1 REGULATOR 1 (XPO1-DEPENDENT)	NM_181821
HDGF	HEPATOMA-DERIVED GROWTH FACTOR	NM_008231
HEATR5A	HYPOTHETICAL PROTEIN LOC268546	NM_177171
HERPUD2	RIKEN CDNA 5031400M07 GENE	NM_020586
HEY1	HAIRY/ENHANCER-OF-SPLIT RELATED WITH YRPW MOTIF 1	NM_010423
HEYL	HAIRY-RELATED TRANSCRIPTION FACTOR 3	NM_013905
HINT3	HISTIDINE TRIAD NUCLEOTIDE BINDING PROTEIN 3	NM_025798
HMX2	H6 HOMEO BOX 2	NM_145998
HOMER3	HOMER HOMOLOG 3 (DROSOPHILA)	NM_001024922
HOXC13	HOMEO BOX C13	NM_010464
HPSE	HEPARANASE	NM_152803
HSD17B2	HYDROXYSTEROID (17-BETA) DEHYDROGENASE 2	NM_008290
HSP110	HEAT SHOCK PROTEIN 110	NM_013559
HSPB3	HEAT SHOCK PROTEIN 3	NM_019960
HSPC171	HSPC171 PROTEIN	NM_025486
HTF9C	HPAII TINY FRAGMENTS LOCUS 9C	NM_008307
HTR5A	5-HYDROXYTRYPTAMINE (SEROTONIN) RECEPTOR 5A	NM_008314
HUS1B	HUS1 HOMOLOG B (S. POMBE)	NM_153072
ICK	INTESTINAL CELL KINASE	NM_019987
IFIT2	INTERFERON-INDUCED PROTEIN WITH TETRATRICOPEPTIDE REPEATS 2	NM_008332
IFT20	INTRAFLAGELLAR TRANSPORT 20 HOMOLOG (CHLAMYDOMONAS)	NM_018854
IFT74	INTRAFLAGELLAR TRANSPORT 74 HOMOLOG (CHLAMYDOMONAS)	NM_026319
IGFBP1	INSULIN-LIKE GROWTH FACTOR BINDING PROTEIN 1	NM_008341
IMPACT	IMPRINTED AND ANCIENT	NM_008378
INSIG1	INSULIN INDUCED GENE 1	NM_153526
IRAK3	INTERLEUKIN-1 RECEPTOR-ASSOCIATED KINASE 3	NM_028679
IRF2	INTERFERON REGULATORY FACTOR 2	NM_008391
ITPR1	INOSITOL 1,4,5-TRIPHOSPHATE RECEPTOR 1	NM_010585
JOSD2	JOSEPHIN DOMAIN CONTAINING 2	NM_025368
JUN	JUN ONCOGENE	NM_010591
KBTBD2	KELCH REPEAT AND BTB (POZ) DOMAIN CONTAINING 2	NM_145958
KCNA5	POTASSIUM VOLTAGE-GATED CHANNEL, SHAKER-RELATED SUBFAMILY, MEMBER 5	NM_145983
KCNK5	POTASSIUM CHANNEL, SUBFAMILY K, MEMBER 5	NM_021542
KCNK6	POTASSIUM INWARDLY-RECTIFYING CHANNEL, SUBFAMILY K, MEMBER 6	NM_001033525
KCTD14	POTASSIUM CHANNEL TETRAMERISATION DOMAIN CONTAINING 14	NM_001012434
KIF13A	KINESIN FAMILY MEMBER 13A	NM_010617
KIF17	KINESIN FAMILY MEMBER 17	NM_010623
KIF21B	KINESIN FAMILY MEMBER 21B	NM_001039472
KIF3B	KINESIN FAMILY MEMBER 3B	NM_008444

KLC2	KINESIN LIGHT CHAIN 2	NM_008451
KLF3	KRUPPEL-LIKE FACTOR 3 (BASIC)	NM_008453
KLHDC6	RIKEN CDNA 4933428M03 GENE	NM_029013
KLRG1	KILLER CELL LECTIN-LIKE RECEPTOR SUBFAMILY G, MEMBER 1	NM_016970
KPNA2	KARYOPHERIN (IMPORTIN) ALPHA 2	NM_010655
KRCC1	EST AA792894	NM_145568
KTELC1	RIKEN CDNA 9630046K23 GENE	NM_172380
LACE1	LACTATION ELEVATED 1	NM_145743
LACTB2	LACTAMASE, BETA 2	NM_145381
LAMP1	LYSOSOMAL MEMBRANE GLYCOPROTEIN 1	NM_010684
LARS2	LEUCYL-TRNA SYNTHETASE, MITOCHONDRIAL	NM_153168
LBX1	LADYBIRD HOMEBOX HOMOLOG 1 (DROSOPHILA)	NM_010691
LCTL	LACTASE-LIKE	NM_145835
LEMD2	LEM DOMAIN CONTAINING 2	NM_146075
LENG8	LEUKOCYTE RECEPTOR CLUSTER (LRC) MEMBER 8	NM_172736
LEO1	LEO1, PAF1/RNA POLYMERASE II COMPLEX COMPONENT, HOMOLOG (S. CEREVISIAE)	NM_001039522
LEP	LEPTIN	NM_008493
LETM1	LEUCINE ZIPPER-EF-HAND CONTAINING TRANSMEMBRANE PROTEIN 1	NM_019694
LHX9	LIM HOMEBOX PROTEIN 9	NM_001025565
LIPA	LYSOSOMAL ACID LIPASE 1	NM_021460
LIPI	RIKEN CDNA D930038D03 GENE	NM_177142
LMBRD2	LMBR1 DOMAIN CONTAINING 2	NM_177178
LMLN	LEISHMANOLYSIN-LIKE (METALLOPEPTIDASE M8 FAMILY)	NM_172823
LMNB2	LAMIN B2	NM_010722
LNX2	LIGAND OF NUMB-PROTEIN X 2	NM_080795
LOC621832	NUCLEAR TRANSPORT FACTOR 2	NM_026532
LOC627166	PROTEIN TYROSINE PHOSPHATASE 4A1	NM_011200
LOC631069	RIBOSOMAL PROTEIN L27	NM_011289
LPIN1	LIPIN 1	NM_172950
LPP	LIM DOMAIN CONTAINING PREFERRED TRANSLOCATION PARTNER IN LIPOMA	NM_178665
LRP1B	LOW DENSITY LIPOPROTEIN-RELATED PROTEIN 1B (DELETED IN TUMORS)	NM_053011
LRPPRC	LEUCINE-RICH PPR-MOTIF CONTAINING	NM_028233
LRRC29	LEUCINE RICH REPEAT CONTAINING 29	NM_177449
LRRC4B	LEUCINE RICH REPEAT CONTAINING 4B	NM_198250
LRRC9	RIKEN CDNA 4921529O18 GENE	NM_030070
LRRK1	LEUCINE-RICH REPEAT KINASE 1	NM_146191
LRRN1	LEUCINE RICH REPEAT PROTEIN 1, NEURONAL	NM_008516
LSM10	U7 SNRNP-SPECIFIC SM-LIKE PROTEIN LSM10	NM_138721
LSM5	LSM5 HOMOLOG, U6 SMALL NUCLEAR RNA ASSOCIATED (S. CEREVISIAE)	NM_025520
LSMD1	LSM DOMAIN CONTAINING 1	NM_030083
LY6F	LYMPHOCYTE ANTIGEN 6 COMPLEX, LOCUS F	NM_008530
LYRM4	CDNA SEQUENCE BC034664	NM_201358
LZIC	LEUCINE ZIPPER AND CTNNBIP1 DOMAIN CONTAINING	NM_026963
M6PR	MANNOSE-6-PHOSPHATE RECEPTOR, CATION DEPENDENT	NM_010749
MAD1L1	MITOTIC ARREST DEFICIENT 1-LIKE 1	NM_010752
MAD2L1BP	MAD2L1 BINDING PROTEIN	NM_025649
MALT1	MUCOSA ASSOCIATED LYMPHOID TISSUE LYMPHOMA TRANSLOCATION GENE 1	NM_172833

MAN1B1	MANNOSIDASE, ALPHA, CLASS 1B, MEMBER 1	NM_001029983
MAP2K4	MITOGEN ACTIVATED PROTEIN KINASE KINASE 4	NM_009157
MAP3K7IP2	MITOGEN-ACTIVATED PROTEIN KINASE KINASE 7 INTERACTING PROTEIN 2	NM_138667
MAPBPIP	MITOGEN ACTIVATED PROTEIN BINDING PROTEIN INTERACTING PROTEIN	NM_031248
MAPK6	MITOGEN ACTIVATED PROTEIN KINASE 4	NM_015806
MAPKAPK5	MAP KINASE-ACTIVATED PROTEIN KINASE 5	NM_010765
MAT2A	METHIONINE ADENOSYLTRANSFERASE II, ALPHA	NM_145569
MAX	MAX PROTEIN	NM_008558
MBNL2	MUSCLEBLIND-LIKE 2	NM_207515
MDH1	MALATE DEHYDROGENASE 1, NAD (SOLUBLE)	NM_008618
MED20	TRF (TATA BINDING PROTEIN-RELATED FACTOR)-PROXIMAL PROTEIN HOMOLOG (DROSOPHILA)	NM_020048
MED22	SURFEIT GENE 5	NM_011513
MFN2	MITOFUSIN 2	NM_133201
MKLN1	MUSKELIN 1, INTRACELLULAR MEDIATOR CONTAINING KELCH MOTIFS	NM_013791
MKNK2	MAP KINASE-INTERACTING SERINE/THREONINE KINASE 2	NM_021462
MMACHC	METHYLMALONIC ACIDURIA CBLC TYPE, WITH HOMOCYSTINURIA	NM_025962
MOGAT1	MONOACYLGLYCEROL O-ACYLTRANSFERASE 1	NM_026713
MON1A	MON1 HOMOLOG A (YEAST)	NM_028369
MREG	WHN-DEPENDENT TRANSCRIPT 2	NM_001005423
MRPL14	MITOCHONDRIAL RIBOSOMAL PROTEIN L14	NM_026732
MRPL49	MITOCHONDRIAL RIBOSOMAL PROTEIN L49	NM_026246
MRPS16	MITOCHONDRIAL RIBOSOMAL PROTEIN S16	NM_025440
MRPS28	MITOCHONDRIAL RIBOSOMAL PROTEIN S28	NM_025434
MRPS35	MITOCHONDRIAL RIBOSOMAL PROTEIN S35	NM_145573
MSRA	RIKEN CDNA 2310045J23 GENE	NM_026322
MT1	METALLOTHIONEIN 1	NM_013602
MT1	METALLOTHIONEIN 1	NM_013602
MTFR1	MITOCHONDRIAL FISSION REGULATOR 1	NM_026182
MTIF3	RIKEN CDNA 2810012L14 GENE	NM_029581
MTTP	MICROSOMAL TRIGLYCERIDE TRANSFER PROTEIN	NM_008642
MXI1	MAX INTERACTING PROTEIN 1	NM_001008542
MXI1	MAX INTERACTING PROTEIN 1	NM_010847
MYD116	MYELOID DIFFERENTIATION PRIMARY RESPONSE GENE 116	NM_008654
MYO1G	MYOSIN IG	NM_178440
MYSM1	RIKEN CDNA C530050H10 GENE	NM_177239
NAT5	N-ACETYLTRANSFERASE 5 (ARD1 HOMOLOG, S. CEREVISIAE)	NM_026425
NCBP2	NUCLEAR CAP BINDING PROTEIN SUBUNIT 2	NM_026554
NCLN	RIKEN CDNA 3100002P13 GENE	NM_134009
NCOA1	NUCLEAR RECEPTOR COACTIVATOR 1	NM_010881
NCOR2	NUCLEAR RECEPTOR CO-REPRESSOR 2	NM_011424
NDST1	N-DEACETYLASE/N-SULFOTRANSFERASE (HEPARAN GLUCOSAMINYL) 1	NM_008306
NDUFA5	NADH DEHYDROGENASE (UBIQUINONE) 1 ALPHA SUBCOMPLEX, 5	NM_026614
NDUFA7	NADH DEHYDROGENASE (UBIQUINONE) 1 ALPHA SUBCOMPLEX, 7 (B14.5A)	NM_023202

NDUFB2	NADH DEHYDROGENASE (UBIQUINONE) 1 BETA SUBCOMPLEX, 2	NM_026612
NEDD4L	NEURAL PRECURSOR CELL EXPRESSED, DEVELOPMENTALLY DOWN-REGULATED GENE 4-LIKE	NM_031881
NEK7	NIMA (NEVER IN MITOSIS GENE A)-RELATED EXPRESSED KINASE 7	NM_021605
NENF	NEURON DERIVED NEUROTROPHIC FACTOR	NM_025424
NETO1	NEUROFILIN (NRP) AND TOLLOID (TLL)-LIKE 1	NM_144946
NFATC1	NUCLEAR FACTOR OF ACTIVATED T-CELLS, CYTOPLASMIC, CALCINEURIN-DEPENDENT 1	NM_198429
NFKB1B	NUCLEAR FACTOR OF KAPPA LIGHT CHAIN GENE ENHANCER IN B-CELLS INHIBITOR, BETA	NM_010908
NGFR	NERVE GROWTH FACTOR RECEPTOR (TNFR SUPERFAMILY, MEMBER 16)	NM_033217
NKX2-2	NK2 TRANSCRIPTION FACTOR RELATED, LOCUS 2 (DROSOPHILA)	NM_010919
NOL14	RIKEN CDNA 2610033H07 GENE	NM_029278
NOTCH2	NOTCH GENE HOMOLOG 2 (DROSOPHILA)	NM_010928
NOTUM	RIKEN CDNA 5730593N15 GENE	NM_175263
NRAP	NEBULIN-RELATED ANCHORING PROTEIN	NM_198059
NRN1L	RIKEN CDNA G630049C14 GENE	NM_175024
NRTN	NEURTURIN	NM_008738
NSUN2	NOL1/NOP2/SUN DOMAIN FAMILY 2	NM_145354
NTF3	NEUROTROPHIN 3	NM_008742
NTRK2	NEUROTROPHIC TYROSINE KINASE, RECEPTOR, TYPE 2	NM_001025074
NTRK2	NEUROTROPHIC TYROSINE KINASE, RECEPTOR, TYPE 2	NM_001025074
NTSR2	NEUROTENSIN RECEPTOR 2	NM_008747
NUDCD1	NUDC DOMAIN CONTAINING 1	NM_026149
NUDT13	NUDIX (NUCLEOSIDE DIPHOSPHATE LINKED MOIETY X)-TYPE MOTIF 13	NM_026341
NUP153	NUCLEOPORIN 153	NM_175749
NUP54	NUCLEOPORIN 54	NM_183392
NUP93	NUCLEOPORIN 93	NM_172410
NVL	NUCLEAR VCP-LIKE	NM_026171
ORF63	OPEN READING FRAME 63	NM_144854
OSBPL11	OXISTEROL BINDING PROTEIN-LIKE 11	NM_176840
OSBPL1A	OXISTEROL BINDING PROTEIN-LIKE 1A	NM_207530
OTTMUSG0000001 6703	HYPOTHETICAL PROTEIN A830093M07	NM_177843
PABPC4	POLY A BINDING PROTEIN, CYTOPLASMIC 4	NM_130881
PACSIN3	PROTEIN KINASE C AND CASEIN KINASE SUBSTRATE IN NEURONS 3	NM_028733
PAFAH2	PLATELET-ACTIVATING FACTOR ACETYLMYRINASE 2	NM_133880
PAG1	PHOSPHOPROTEIN ASSOCIATED WITH GLYCOPHINGOLIPID MICRODOMAINS 1	NM_053182
PANK4	PANTOTHENATE KINASE 4	NM_172990
PAQR9	PROGESTIN AND ADIPOQ RECEPTOR FAMILY MEMBER IX	NM_198414
PAX1	PAIRED BOX GENE 1	NM_008780
PCOLCE2	PROCOLLAGEN C-ENDOPEPTIDASE ENHANCER 2	NM_029620
PDCD4	PROGRAMMED CELL DEATH 4	NM_011050
PDK1	PYRUVATE DEHYDROGENASE KINASE, ISOENZYME 1	NM_172665
PECAM1	PLATELET/ENDOTHELIAL CELL ADHESION MOLECULE 1	NM_008816

PECAM1	PLATELET/ENDOTHELIAL CELL ADHESION MOLECULE 1	NM_008816
PES1	PESCADILLO HOMOLOG 1, CONTAINING BRCT DOMAIN (ZEBRAFISH)	NM_022889
PEX14	PEROXISOMAL BIOGENESIS FACTOR 14	NM_019781
PEX2	PEROXIN 2	NM_021483
PGC	RIKEN CDNA 2210410L06 GENE	NM_025973
PGLYRP2	PEPTIDOGLYCAN RECOGNITION PROTEIN 2	NM_021319
PHB	PROHIBITIN	NM_008831
PHF12	PHD FINGER PROTEIN 12	NM_174852
PHF23	PHD FINGER PROTEIN 23	NM_030064
PHKG2	PHOSPHORYLASE KINASE, GAMMA 2 (TESTIS)	NM_026888
PIGZ	PHOSPHATIDYLINOSITOL GLYCAN, CLASS Z	NM_172822
PIM1	PROVIRAL INTEGRATION SITE 1	NM_008842
PIP5K1A	PHOSPHATIDYLINOSITOL-4-PHOSPHATE 5-KINASE, TYPE 1 BETA	NM_008847
PLEC1	PLECTIN 1	NM_201387
PLEKHB1	PLECKSTRIN HOMOLOGY DOMAIN CONTAINING, FAMILY B (EVECTINS) MEMBER 1	NM_013746
PLEKHC1	PLECKSTRIN HOMOLOGY DOMAIN CONTAINING, FAMILY C (WITH FERM DOMAIN) MEMBER 1	NM_146054
PLEKHG2	PLECKSTRIN HOMOLOGY DOMAIN CONTAINING, FAMILY G (WITH RHOGEF DOMAIN) MEMBER 2	NM_138752
PLOD1	PROCOLLAGEN-LYSINE, 2-OXOGLUTARATE 5-DIOXYGENASE 1	NM_011122
PLS3	PLASTIN 3 (T-ISOFORM)	NM_145629
PLXND1	PLEXIN D1	NM_026376
PNPT1	POLYRIBONUCLEOTIDE NUCLEOTIDYLTRANSFERASE 1	NM_027869
PNRC1	PROLINE-RICH NUCLEAR RECEPTOR COACTIVATOR 1	NM_001033225
PODXL	PODOCALYXIN-LIKE	NM_013723
POFUT1	PROTEIN O-FUCOSYLTRANSFERASE 1	NM_001039055
POLE3	POLYMERASE (DNA DIRECTED), EPSILON 3 (P17 SUBUNIT)	NM_021498
POLRMT	POLYMERASE (RNA) MITOCHONDRIAL (DNA DIRECTED)	NM_172551
POU6F1	POU DOMAIN, CLASS 6, TRANSCRIPTION FACTOR 1	NM_010127
PPA1	PYROPHOSPHATASE (INORGANIC) 1	NM_026438
PPID	PEPTIDYLPROLYL ISOMERASE D (CYCLOPHILIN D)	NM_026352
PPM1B	PROTEIN PHOSPHATASE 1B, MAGNESIUM DEPENDENT, BETA ISOFORM	NM_011151
PPP1R13L	PROTEIN PHOSPHATASE 1, REGULATORY (INHIBITOR) SUBUNIT 13 LIKE	NM_001010836
PPP1R3A	PROTEIN PHOSPHATASE 1, REGULATORY (INHIBITOR) SUBUNIT 3A	NM_080464
PPP2R5B	PROTEIN PHOSPHATASE 2, REGULATORY SUBUNIT B (B56), BETA ISOFORM	NM_198168
PPP6C	PROTEIN PHOSPHATASE 6, CATALYTIC SUBUNIT	NM_024209
PRCC	PAPILLARY RENAL CELL CARCINOMA (TRANSLOCATION-ASSOCIATED)	NM_033573
PRDX2	PEROXIREDOXIN 2	NM_011563
PRH1	PROLINE RICH PROTEIN HAEIII SUBFAMILY 1	NM_011174
PRKAB2	PROTEIN KINASE, AMP-ACTIVATED, BETA 2 NON-CATALYTIC SUBUNIT	NM_182997

PRKCZ	PROTEIN KINASE C, ZETA	NM_008860
PRPF31	PRP31 PRE-MRNA PROCESSING FACTOR 31 HOMOLOG (YEAST)	NM_027328
PRPF4B	PRP4 PRE-MRNA PROCESSING FACTOR 4 HOMOLOG B (YEAST)	NM_013830
PRPMP5	CDNA SEQUENCE BC061494	NM_001024705
PRR14	CDNA SEQUENCE BC006909	NM_145589
PSKH1	PROTEIN SERINE KINASE H1	NM_173432
PSMB2	PROTEASOME (PROSOME, MACROPAIN) SUBUNIT, BETA TYPE 2	NM_011970
PSMD3	PROTEASOME (PROSOME, MACROPAIN) 26S SUBUNIT, NON-ATPASE, 3	NM_009439
PTCH2	PATCHED HOMOLOG 2	NM_008958
PTGES2	PROSTAGLANDIN E SYNTHASE 2	NM_133783
PTPRD	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, D	NM_011211
PTPRG	PROTEIN TYROSINE PHOSPHATASE, RECEPTOR TYPE, G	NM_008981
PUF60	RIKEN CDNA 2410104119 GENE	NM_133691
PURB	PURINE RICH ELEMENT BINDING PROTEIN B	NM_011221
PYGL	LIVER GLYCOGEN PHOSPHORYLASE	NM_133198
QARS	GLUTAMINYL-TRNA SYNTHETASE	NM_133794
QRICH1	RIKEN CDNA 2610028H07 GENE	NM_175143
QSOX1	RIKEN CDNA 1300003H02 GENE	NM_001024945
R3HDM1	R3H DOMAIN 1 (BINDS SINGLE-STRANDED NUCLEIC ACIDS)	NM_181750
RAB1B	RAB1B, MEMBER RAS ONCOGENE FAMILY	NM_029576
RAB39B	RAB39B, MEMBER RAS ONCOGENE FAMILY	NM_175122
RAD23B	RAD23B HOMOLOG (S. CEREVISIAE)	NM_009011
RALYL	RIKEN CDNA 0710005M24 GENE	NM_178631
RAMP1	RECEPTOR (CALCITONIN) ACTIVITY MODIFYING PROTEIN 1	NM_016894
RANBP1	RAN BINDING PROTEIN 1	NM_011239
RANBP5	RAN BINDING PROTEIN 5	NM_023579
RANGAP1	RAN GTPASE ACTIVATING PROTEIN 1	NM_011241
RAP2A	RAS RELATED PROTEIN 2A	NM_029519
RAPGEF4	RAP GUANINE NUCLEOTIDE EXCHANGE FACTOR (GEF) 4	NM_019688
RBL2	RETINOBLASTOMA-LIKE 2	NM_011250
RBM28	RNA BINDING MOTIF PROTEIN 28	NM_133925
RBM6	RNA BINDING MOTIF PROTEIN 6	NM_029169
RBMS3	RNA BINDING MOTIF, SINGLE STRANDED INTERACTING PROTEIN	NM_178660
RBMY1A1	RNA BINDING MOTIF PROTEIN, Y CHROMOSOME, FAMILY 1, MEMBER A1	NM_011253
RC3H1	RING CCCH (C3H) DOMAINS 1	NM_001024952
RDH10	RETINOL DEHYDROGENASE 10 (ALL-TRANS)	NM_133832
RG9MTD2	RNA (GUANINE-9-) METHYLTRANSFERASE DOMAIN CONTAINING 2	NM_175389
RG9MTD3	RNA (GUANINE-9-) METHYLTRANSFERASE DOMAIN CONTAINING 3	NM_027266
RGS16	REGULATOR OF G-PROTEIN SIGNALING 16	NM_011267
RGS8	REGULATOR OF G-PROTEIN SIGNALING 8	NM_026380
RIN2	RAS AND RAB INTERACTOR 2	NM_028724
RMND1	REQUIRED FOR MEITIC NUCLEAR DIVISION 1 HOMOLOG	NM_025343
RNASEH2A	RIBONUCLEASE H2, LARGE SUBUNIT	NM_027187
RND1	RHO FAMILY GTPASE 1	NM_172612
RNF152	RING FINGER PROTEIN 152	NM_178779

RNF186	RING FINGER PROTEIN 186	NM_025786
RNF207	RIKEN CDNA 330010C22 GENE	NM_001033489
RNF38	RING FINGER PROTEIN 38	NM_001038993
RNF4	RING FINGER PROTEIN 4	NM_011278
RNGTT	RNA GUANYLYLTRANSFERASE AND 5'- PHOSPHATASE	NM_011884
ROBO2	RIKEN CDNA 2600013A04 GENE	NM_175549
RORA	RAR-RELATED ORPHAN RECEPTOR ALPHA	NM_013646
RORA	RAR-RELATED ORPHAN RECEPTOR ALPHA	NM_013646
RORA	RAR-RELATED ORPHAN RECEPTOR ALPHA	NM_013646
RPL18	RIBOSOMAL PROTEIN L18	NM_009077
RPL22	RIBOSOMAL PROTEIN L22	NM_009079
RPL36	RIBOSOMAL PROTEIN L36	NM_145937
RPL7A	RIBOSOMAL PROTEIN L7A	NM_013721
RPP40	RIBONUCLEASE P 40 SUBUNIT (HUMAN)	NM_145938
RPS15	RIBOSOMAL PROTEIN S15	NM_009091
RPS19	RIBOSOMAL PROTEIN S19	NM_023133
RPS27A	RIBOSOMAL PROTEIN S27A	NM_024277
RPS28	RIBOSOMAL PROTEIN S28	NM_016844
RPS6KA1	RIBOSOMAL PROTEIN S6 KINASE POLYPEPTIDE 1	NM_009097
RPS6KB2	RIBOSOMAL PROTEIN S6 KINASE, POLYPEPTIDE 2	NM_021485
RRP1	NOVEL NUCLEAR PROTEIN 1	NM_010925
RSHL1	RADIAL SPOKEHEAD-LIKE 1	NM_031255
RTN1	RETICULON 1	NM_001007596
RTN4	RETICULON 4	NM_194053
RTP1	RECEPTOR TRANSPORTER PROTEIN 1	NM_001004151
RUNDC1	RUN DOMAIN CONTAINING 1	NM_172566
SAMSN1	SAM DOMAIN, SH3 DOMAIN AND NUCLEAR LOCALIZATION SIGNALS, 1	NM_023380
SAR1A	SAR1 GENE HOMOLOG A (S. CEREVISIAE)	NM_009120
SCARB1	SCAVENGER RECEPTOR CLASS B, MEMBER 1	NM_016741
SCARB2	SCAVENGER RECEPTOR CLASS B, MEMBER 2	NM_007644
SCD1	STEAROYL-COENZYME A DESATURASE 1	NM_009127
SCPEP1	SERINE CARBOXYPEPTIDASE 1	NM_029023
SCRIB	SCRIBBLED HOMOLOG (DROSOPHILA)	NM_134089
SCYL1	SCY1-LIKE 1 (S. CEREVISIAE)	NM_023912
SDCCAG8	RIKEN CDNA 5730470G24 GENE	NM_029756
SEC23IP	SEC23 INTERACTING PROTEIN	NM_001029982
SEC61A1	SEC61 ALPHA 1 SUBUNIT (S. CEREVISIAE)	NM_016906
SEL1L	SEL1 (SUPPRESSOR OF LIN-12) 1 HOMOLOG (C. ELEGANS)	NM_011344
SERPINA3B	RIKEN CDNA A030003A19 GENE	NM_173024
SERPINA5	SERINE (OR CYSTEINE) PROTEINASE INHIBITOR, CLADE A, MEMBER 5	NM_172953
SERPINC1	SERINE (OR CYSTEINE) PEPTIDASE INHIBITOR, CLADE C (ANTITHROMBIN), MEMBER 1	NM_080844
SERPINC1	SERINE (OR CYSTEINE) PEPTIDASE INHIBITOR, CLADE C (ANTITHROMBIN), MEMBER 1	NM_080844
SEZ6	SEIZURE RELATED GENE 6	NM_021286
SEZ6L2	SEIZURE RELATED 6 HOMOLOG LIKE 2	NM_144926
SF3B2	RIKEN CDNA 2810441F20 GENE	NM_030109
SF4	SPLICING FACTOR 4	NM_027481
SFRS5	SPLICING FACTOR, ARGININE/SERINE-RICH 5 (SRP40, HRS)	NM_009159
SH2D3C	SH2 DOMAIN CONTAINING 3C	NM_013781
SH3BP4	SH3-DOMAIN BINDING PROTEIN 4	NM_133816
SHOC2	SOC-2 (SUPPRESSOR OF CLEAR) HOMOLOG	NM_019658

	(C. ELEGANS)	
SIRT5	SIRTIIN 5 (SILENT MATING TYPE INFORMATION REGULATION 2 HOMOLOG) 5 (S. CEREVISIAE)	NM_178848
SIRT6	SIRTIIN 6 (SILENT MATING TYPE INFORMATION REGULATION 2, HOMOLOG) 6 (S. CEREVISIAE)	NM_181586
SKI	SLOAN-KETTERING VIRAL ONCOGENE HOMOLOG	NM_011385
SKP2	S-PHASE KINASE-ASSOCIATED PROTEIN 2 (P45)	NM_145468
SLC25A25	SOLUTE CARRIER FAMILY 25 (MITOCHONDRIAL CARRIER, PHOSPHATE CARRIER), MEMBER 25	NM_146118
SLC25A30	SOLUTE CARRIER FAMILY 25, MEMBER 30	NM_026232
SLC25A37	SOLUTE CARRIER FAMILY 25, MEMBER 37	NM_026331
SLC35B3	EXPRESSED SEQUENCE AI428480	NM_134060
SLC35B4	SOLUTE CARRIER FAMILY 35, MEMBER B4	NM_021435
SLC3A2	SOLUTE CARRIER FAMILY 3 (ACTIVATORS OF DIBASIC AND NEUTRAL AMINO ACID TRANSPORT), MEMBER 2	NM_008577
SLC45A1	SOLUTE CARRIER FAMILY 45, MEMBER 1	NM_173774
SLC4A2	SOLUTE CARRIER FAMILY 4 (ANION EXCHANGER), MEMBER 2	NM_009207
SLIT3	SLIT HOMOLOG 3 (DROSOPHILA)	NM_011412
SMAD5	MAD HOMOLOG 5 (DROSOPHILA)	NM_008541
SMAD6	MAD HOMOLOG 6 (DROSOPHILA)	NM_008542
SMARCAL1	SWI/SNF RELATED MATRIX ASSOCIATED, ACTIN DEPENDENT REGULATOR OF CHROMATIN, SUBFAMILY A-LIKE 1	NM_018817
SMEK2	EXPRESSED SEQUENCE AW011752	NM_134034
SMU1	SMU-1 SUPPRESSOR OF MEC-8 AND UNC-52 HOMOLOG (C. ELEGANS)	NM_021535
SMYD1	SET AND MYND DOMAIN CONTAINING 1	NM_009762
SNAG1	SORTING NEXIN ASSOCIATED GOLGI PROTEIN 1	NM_130796
SNAP23	SYNAPTOSOMAL-ASSOCIATED PROTEIN 23	NM_009222
SNRPA1	U2 SMALL NUCLEAR RIBONUCLEOPROTEIN POLYPEPTIDE A'	NM_021336
SNRPC	U1 SMALL NUCLEAR RIBONUCLEOPROTEIN 1C	NM_011432
SNX1	SORTING NEXIN 1	NM_019727
SNX17	SORTING NEXIN 17	NM_153680
SNX3	SORTING NEXIN 3	NM_017472
SOCS3	SUPPRESSOR OF CYTOKINE SIGNALING 3	NM_007707
SOLH	SMALL OPTIC LOBES HOMOLOG (DROSOPHILA)	NM_015830
SPECC1	RIKEN CDNA 2810012G08 GENE	NM_001029936
SPHK2	SPHINGOSINE KINASE 2	NM_020011
SRD5A1	STEROID 5 ALPHA-REDUCTASE 1	NM_175283
SREBF1	STEROL REGULATORY ELEMENT BINDING FACTOR 1	NM_011480
ST6GAL1	BETA GALACTOSIDE ALPHA 2,6 SIALYLTRANSFERASE 1	NM_145933
STARD13	SEROLOGICALLY DEFINED COLON CANCER ANTIGEN 13	NM_146258
STAU1	STAUFEN (RNA BINDING PROTEIN) HOMOLOG 1 (DROSOPHILA)	NM_011490
STAU2	STAUFEN (RNA BINDING PROTEIN) HOMOLOG 2 (DROSOPHILA)	NM_025303
STCH	RIKEN CDNA B230217N24 GENE	NM_030201
STK25	SERINE/THREONINE KINASE 25 (YEAST)	NM_021537
STX1B1	SYNTAXIN 1B1	NM_024414
STX1B2	SYNTAXIN 1B2	NM_024414

STX4A	SYNTAXIN 4A (PLACENTAL)	NM_009294
STX7	SYNTAXIN 7	NM_016797
SULF1	SULFATASE 1	NM_172294
SUMF1	SULFATASE MODIFYING FACTOR 1	NM_145937
SYT3	SYNAPTOTAGMIN III	NM_016663
TAAR9	TRACE AMINE RECEPTOR 3	NM_001010831
TAF13	RIKEN CDNA 1810004N01 GENE	NM_025444
TBC1D1	TBC1 DOMAIN FAMILY, MEMBER 1	NM_019636
TBC1D10C	TBC1 DOMAIN FAMILY, MEMBER 10C	NM_178650
TBC1D2	TBC1 DOMAIN FAMILY, MEMBER 2	NM_198664
TCEA3	TRANSCRIPTION ELONGATION FACTOR A (SII), 3	NM_011542
TCF15	TRANSCRIPTION FACTOR 15	NM_009328
TCFCP2L1	RIKEN CDNA 4932442M07 GENE	NM_023755
TCFEB	TRANSCRIPTION FACTOR EB	NM_011549
TCN2	TRANSCOBALAMIN 2	NM_015749
TECTB	TECTORIN BETA	NM_009348
TEX2	TESTIS EXPRESSED GENE 2	NM_198292
TFPT	TCF3 (E2A) FUSION PARTNER	NM_023524
TGFBI	TRANSFORMING GROWTH FACTOR, BETA INDUCED	NM_009369
THAP11	THAP DOMAIN CONTAINING 11	NM_021513
THEX1	THREE PRIME HISTONE MRNA EXONUCLEASE 1	NM_026067
THOC6	WD REPEAT DOMAIN 58	NM_001008425
THRSP	THYROID HORMONE RESPONSIVE SPOT14 HOMOLOG (RATTUS)	NM_009381
TIMM13	TRANSLOCASE OF INNER MITOCHONDRIAL MEMBRANE 13 HOMOLOG (YEAST)	NM_013895
TLL2	TOLLOID-LIKE 2	NM_011904
TM2D3	TM2 DOMAIN CONTAINING 3	NM_026795
TM9SF3	RIKEN CDNA 1810073M23 GENE	NM_133352
TMBIM4	TRANSMEMBRANE BAX INHIBITOR MOTIF CONTAINING 4	NM_026617
TMCO4	RANSMEMBRANE AND COILED-COIL DOMAINS 4	NM_029857
TMEM115	TRANSMEMBRANE PROTEIN 115	NM_019704
TMEM129	TRANSMEMBRANE PROTEIN 129	NM_026698
TMEM131	DNA SEGMENT, CHR 1, BRIGHAM & WOMEN'S GENETICS 0491 EXPRESSED	NM_018872
TMEM134	RIKEN CDNA 2410001H17 GENE	NM_025889
TMEM147	RIKEN CDNA 5033425B17 GENE	NM_027215
TMEM158	RIKEN CDNA 2310037P21 GENE	NM_001002267
TMEM17	TRANSMEMBRANE PROTEIN 17	NM_153596
TMEM189	EXPRESSED SEQUENCE AI256840	NM_145538
TMEM30A	TRANSMEMBRANE PROTEIN 30A	NM_133718
TMEM39A	TRANSMEMBRANE PROTEIN 39A	NM_026407
TMEM46	TRANSMEMBRANE PROTEIN 46	NM_145463
TMEM48	TRANSMEMBRANE PROTEIN 48	NM_028355
TMEM88	TRANSMEMBRANE PROTEIN 88	NM_025915
TMTC1	CDNA SEQUENCE BC023818	NM_198967
TMTC3	TRANSMEMBRANE AND TETRATRICOPEPTIDE REPEAT CONTAINING 3	NM_001033332
TNFAIP1	TUMOR NECROSIS FACTOR, ALPHA-INDUCED PROTEIN 1 (ENDOTHELIAL)	NM_009395
TNFRSF1B	TUMOR NECROSIS FACTOR RECEPTOR SUPERFAMILY, MEMBER 1B	NM_011610
TNFSF11	TUMOR NECROSIS FACTOR (LIGAND) SUPERFAMILY, MEMBER 11	NM_011613

TNNT1	TROPONIN T1, SKELETAL, SLOW	NM_011618
TOM1L2	TARGET OF MYB1-LIKE 2 (CHICKEN)	NM_001039092
TOMM20	TRANSLOCASE OF OUTER MITOCHONDRIAL MEMBRANE 20 HOMOLOG (YEAST)	NM_024214
TOR1AIP1	TORSIN A INTERACTING PROTEIN 1	NM_144791
TOR2A	TORSIN FAMILY 2, MEMBER A	NM_152800
TOR3A	TORSIN FAMILY 3, MEMBER A	NM_023141
TPR	TRANSLOCATED PROMOTER REGION	NM_133780
TPT1	TUMOR PROTEIN, TRANSLATIONALLY- CONTROLLED 1	NM_009429
TRAK2	TRAFFICKING PROTEIN, KINESIN BINDING 2	NM_172406
TRH	THYROTROPIN RELEASING HORMONE	NM_009426
TRIM9	RIKEN CDNA C030048G07 GENE	NM_053167
TSPYL1	TESTIS-SPECIFIC PROTEIN, Y-ENCODED-LIKE 1	NM_009433
TTC35	RIKEN CDNA 4921531G14 GENE	NM_025736
TTYH1	TWEETY HOMOLOG 1 (DROSOPHILA)	NM_021324
TUFT1	TUFTELIN 1	NM_011656
TXNDC12	THIOREDOXIN DOMAIN CONTAINING 12 (ENDOPLASMIC RETICULUM)	NM_025334
TYRP1	TYROSINASE-RELATED PROTEIN 1	NM_031202
UACA	UVEAL AUTOANTIGEN WITH COILED-COIL DOMAINS AND ANKYRIN REPEATS	NM_028283
UBC	UBIQUITIN C	NM_019639
UBE2F	UBIQUITIN-CONJUGATING ENZYME E2F (PUTATIVE)	NM_026454
UBE2V1	UBIQUITIN-CONJUGATING ENZYME E2 VARIANT 1	NM_023230
UBQLN4	UBIQUILIN 4	NM_033526
UBR2	RIKEN CDNA E130209G04 GENE	NM_146078
UNG	URACIL DNA GLYCOSYLASE	NM_011677
UNK	ZINC FINGER CCCH TYPE CONTAINING 5	NM_172569
USP5	UBIQUITIN SPECIFIC PEPTIDASE 5 (ISOPEPTIDASE T)	NM_013700
USP9Y	UBIQUITIN SPECIFIC PEPTIDASE 9, Y CHROMOSOME	NM_148943
UST	URONYL-2-SULFOTRANSFERASE	NM_177387
UTP14B	UTP14, U3 SMALL NUCLEOLAR RIBONUCLEOPROTEIN, HOMOLOG B (YEAST)	NM_001001981
VAV2	VAV2 ONCOGENE	NM_009500
VPS72	VACUOLAR PROTEIN SORTING 72 (YEAST)	NM_009336
WDR18	WD REPEAT DOMAIN 18	NM_175450
WDR27	WD REPEAT DOMAIN 27	NM_175173
WDR60	RIKEN CDNA D430033N04 GENE	NM_146039
WDR74	WD REPEAT DOMAIN 74	NM_134139
WNT10B	WINGLESS RELATED MMTV INTEGRATION SITE 10B	NM_011718
WNT4	WINGLESS-RELATED MMTV INTEGRATION SITE 4	NM_009523
WNT8B	WINGLESS RELATED MMTV INTEGRATION SITE 8B	NM_011720
XKR9	X KELL BLOOD GROUP PRECURSOR RELATED FAMILY MEMBER 9 HOMOLOG	NM_001011873
XRCC1	X-RAY REPAIR COMPLEMENTING DEFECTIVE REPAIR IN CHINESE HAMSTER CELLS 1	NM_009532
YIF1B	YIP1 INTERACTING FACTOR HOMOLOG B (S. CEREVISIAE)	NM_029887
YIPF1	YIP1 DOMAIN FAMILY, MEMBER 1	NM_145550
YPEL4	YIPPEE-LIKE 4 (DROSOPHILA)	NM_001005342
ZBTB40	ZINC FINGER AND BTB DOMAIN CONTAINING 40	NM_198248

ZBTB7B	VZINC FINGER AND BTB DOMAIN CONTAINING 7B	NM_009565
ZBTB7C	ZINC FINGER AND BTB DOMAIN CONTAINING 7C	NM_145356
ZDHH5	ZINC FINGER, DHHC DOMAIN CONTAINING 5	NM_144887
ZFAND2A	ZINC FINGER, AN1-TYPE DOMAIN 2A	NM_133349
ZFP106	ZINC FINGER PROTEIN 106	NM_011743
ZFP260	ZINC FINGER PROTEIN 63	NM_011981
ZFP289	ZINC FINGER PROTEIN 289	NM_023854
ZFP295	ZINC FINGER PROTEIN 295	NM_175428
ZFP341	ZINC FINGER PROTEIN 341	NM_199304
ZFP36	ZINC FINGER PROTEIN 36	NM_011756
ZFP364	ZINC FINGER PROTEIN 364	NM_026406
ZFP46	ZINC FINGER PROTEIN 46	NM_009557
ZFP462	ZINC FINGER PROTEIN 462	NM_172867
ZFP566	ZINC FINGER PROTEIN 566	NM_152814
ZFP575	ZINC FINGER PROTEIN 575	NM_001033205
ZFP704	GLUCOCORTICOID INDUCED GENE 1	NM_133218
ZFP748	RIKEN CDNA 2610014M12 GENE	NM_183145
ZFP84	ZINC FINGER PROTEIN 84	NM_023750
ZFY1	ZINC FINGER PROTEIN 1, Y LINKED	NM_009571
ZFY2	ZINC FINGER PROTEIN 2, Y LINKED	NM_009571
ZFYVE20	ZINC FINGER, FYVE DOMAIN CONTAINING 20	NM_030081
ZFYVE28	ZINC FINGER, FYVE DOMAIN CONTAINING 28	NM_001015039
ZKSCAN6	ZINC FINGER PROTEIN 535	NM_026107
ZZZ3	ZINC FINGER, ZZ DOMAIN CONTAINING 3	NM_198416